

FIG.1

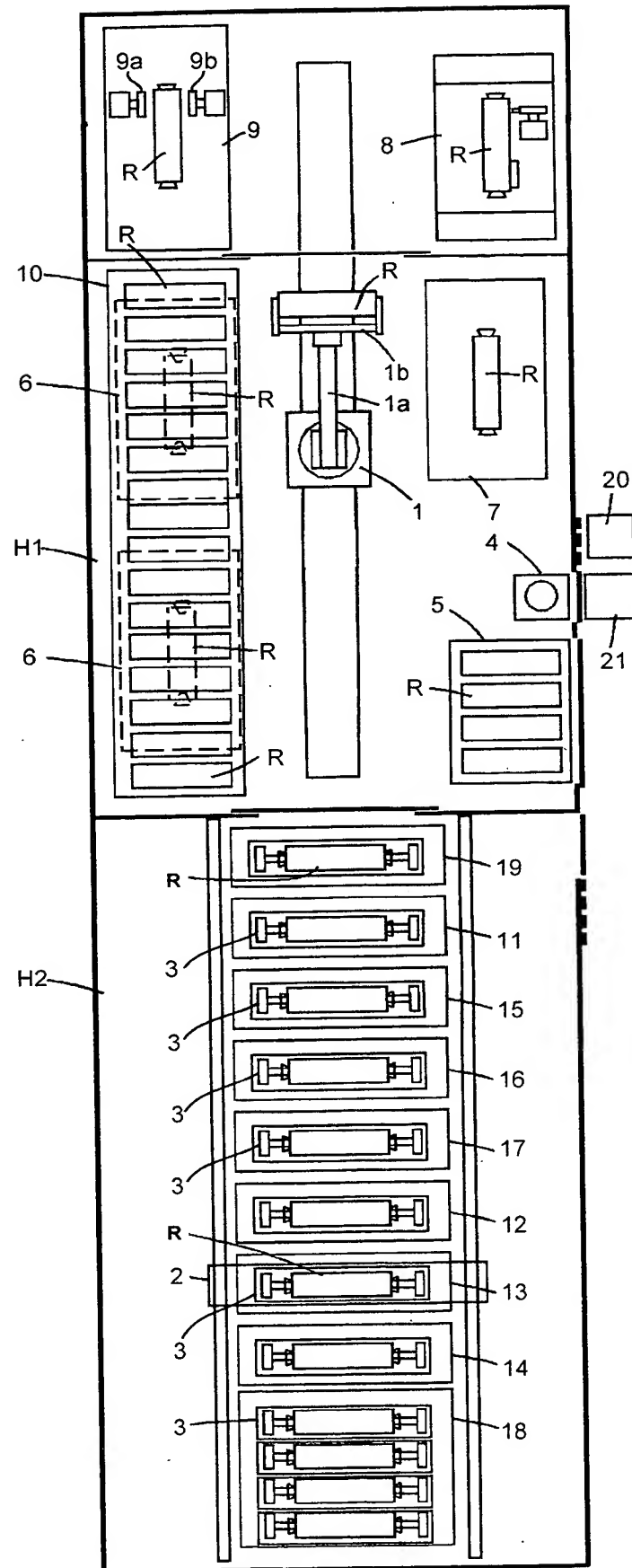


FIG.2

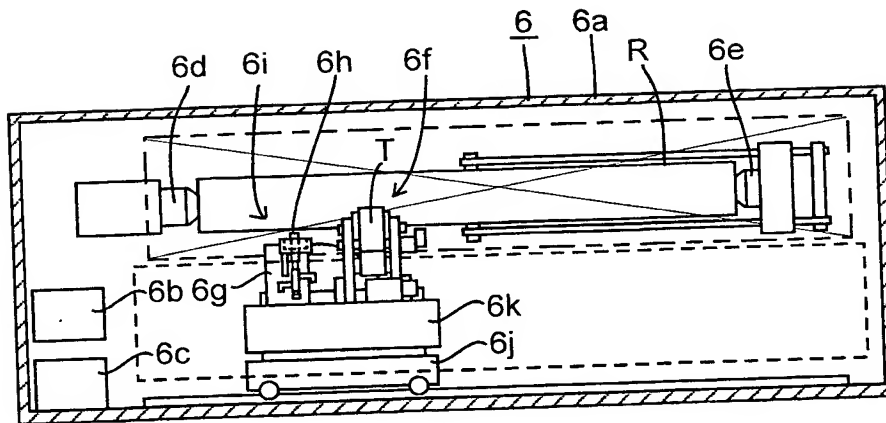


FIG.3

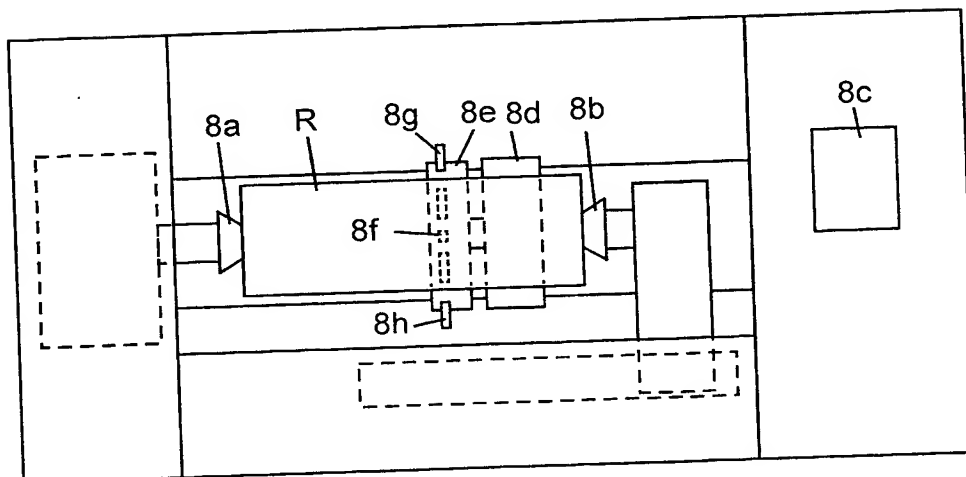
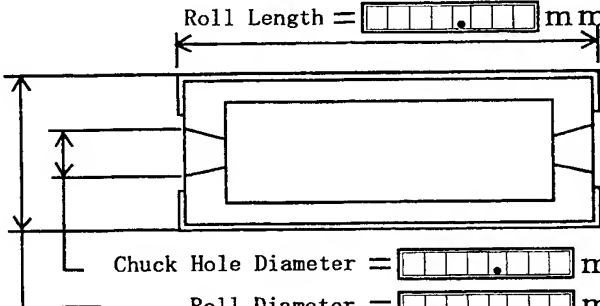


FIG.4

9

Data Input Sheet

Roll Identification No.



Roll Length =

.

 mm

Chuck Hole Diameter =

.

 mm

Roll Diameter =

.

 mm

Chuck Automatic
 Automatic transition of Measurement
 Automatic transition of Machining
 Measurement Run
 Set

Chromium Plating Thickness =

. 8

 μ m

Copper Sulfate Plating Thickness =

1 3 0

 μ m

Nickel Plating Thickness =

. 2

 μ m

Minimum Cutting Margin =

4 8

 μ m

Allowable Eccentric Amount =

3 0

 μ m

Minimum Allowable Copper Sulfate Plating Thickness After Cylinder Machining =

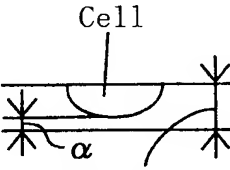
2 0

 μ m

Copper Sulfate Plating Thickness Left on Machined End Surface =

6 0

 μ m



Cell

α

Minimum Cutting Margin
(Cell Depth + α)

FIG.5

